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AUGUST 1953

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Estate of C. J. STOVER, *Proprietor*

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SOME THOUGHTS ON ASBESTOS

*Guest Editorial from John W. Humphrey**

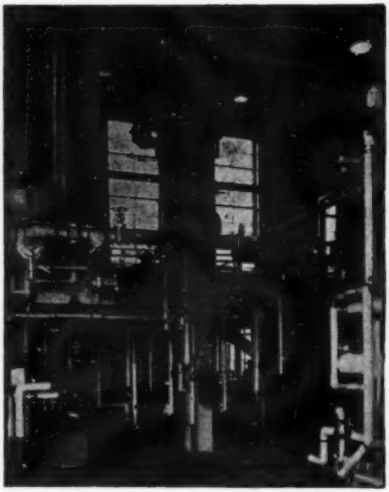
Upon looking into the economic potential of the asbestos producing and converting industries, one dominant fact stands out in bold relief—that there is no satisfactory substitute for asbestos fibre. In virtually all of its major product uses, many attempts at substitution have resulted merely in a product that would not perform acceptably, or even perform at all. Other mineral fibres, however desirable their properties may be for some purposes, have little in common with asbestos.

The chemical constitution and physical characteristics of asbestos are unique in not having been duplicated in any synthetic fibre. The synthetic production of asbestos, on a commercial scale, is still a dream of the future. During World War II, the Germans worked intensively on this problem and claimed success in the laboratory, but they still were asbestos starved for vital military needs when the war ended.

Few people outside the asbestos products industry realize how dependent all of us are on the continued availability of this remarkable fibrous material. That marvelous mechanical and electrical machine, the automobile, would not run any appreciable distance if it did not have asbestos gaskets in the proper places. Even if it did operate a short distance without asbestos gaskets, it couldn't be safely driven if the necessary asbestos molded brake linings were left out. The automotive industry literally starts and stops with asbestos, and would soon come to a full stop if none were available. The same thing applies in many other industries.

Fortunately, the asbestos mining and milling industry has been able to increase substantially its production capacity since the war, and, with the exception of certain long-fibre grades, it has been able to supply the expanding requirements of American industry for asbestos fibres. Deposits recently discovered in Canada and the extension of present workings appear to give adequate assurance

* President, The Philip Carey Mfg. Co., Lockland, Cincinnati, Ohio.



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as to future supplies for the years ahead.

In the Carey organization, we have our planning firmly geared to the conviction that the future development of asbestos products holds great promise for our company and the industry of which we are a part. The tremendous expansion of asbestos-cement building materials in the form of siding shingles, corrugated roofing and siding, flatboards, etc., during the past twenty years gives a measure of what may lie ahead. Through aggressive research, still other ways to fit asbestos to new products and usage are constantly being brought to light. Carey Fire-Chex asbestos plastic shingles, carrying Underwriters' Laboratories highest fire retardant rating, Class "A", is a recent asbestos development. These shingles provide the American consumer better fire protection for his home at an economical cost—all through the unique properties of asbestos. More such research, we believe, is a certain path to a greater future for this magic mineral.

. . . —

A.S.V.E.

Appointment of Clark M. Humphreys as Acting Director of Research for the American Society of Heating and Ventilating Engineers was made by the Council on June 29th at the Semi-Annual Meeting in Denver, Colo.

In 1931 he became a member of ASHVE and served on the Council from 1936-38. Mr. Humphreys was chairman of the Guide Publication Committee in 1942, and has served on many of the research technical advisory committees. Since 1945 he has served as Senior Engineer and recently has supervised the work on the Human Calorimeter and the construction of the Environment and Odor Rooms.

. . . —

The first asbestos-cement shingles used in the United States were imported from Belgium, where they were used for roofing material at the beginning of the present century. Some of these Belgian shingles can still be seen today on the roofs of houses at College Point, Long Island, N. Y., applied originally in 1925.

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ASBESTOS PRODUCTION IN SOUTHERN RHODESIA

By W. E. Sinclair, M.I.M.M.
[1]Consulting Mining Engineer

Southern Rhodesia is well known as a producer of chrysotile asbestos, ranking third in order of world output, assuming that the recovery in Russia is next to that of Canada. The most important point about the Rhodesian asbestos, however, is that it is of excellent quality. An interesting feature is that this country, like Canada, possesses only chrysotile, notwithstanding the fact that on its southern border, the Union of South Africa is blessed with every known variety of the asbestiform minerals.

The industry in Rhodesia has made tremendous strides in its comparatively short life, mainly because of the quality of the fibre, but also, no doubt, because a large percentage of the output consists of good spinning grades. The revenue earned from the value of the asbestos produced to-day constitutes an important factor in the economy of the country and indirectly the industry commands a major position in the life and work of the colony, since the asbestos fields cover an extensive area.

The total value of the asbestos produced and sold in 1952 was £6,652,000, which is more than one-third of the whole mineral production of the country for the year.

A somewhat surprising feature of this record output is that the value of asbestos has actually exceeded that of gold. Up to now Rhodesia has depended on gold output as its main revenue earner, which has accounted for the fact that it has been considered a gold producing country first and foremost.

One curious case that may contradict this idea is that the Antelope Gold Mine near Bulawayo, having exposed good "slip" fibre in its underground development tunnels, the Company is seriously changing over from gold to asbestos production.

This, altho a new type of mine to join the list of producers, is only one of many new developments that are steadily building up the record output.

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JM

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Canadian Johns-Manville Limited
970 Sun Life Bldg. (Telephone: UN-6-9701) Montreal, P. Q., Canada

This growing production and the increasing value is clearly indicated in the following table:

	Output and Value		Average
Year	Tons	Value	selling price
1950	71,526	£4,615,490	£64.5
1951	77,663	5,452,108	70.2
1952	83,000*	6,652,000	81.4

* (approximate)

Altho the average selling price shown is based purely on the value of the total output of all grades, it does indicate that there has been a higher price for the mineral which is common in most fields.

These substantial indications of the growth of the industry, together with extensive new developments make it opportune to consider the story of this chrysotile country and its future prospects.

The serpentine rocks are fairly widespread thruout the country. It is in these that most of the main asbestos bearing formations are found and likewise many of the principal mines are located. These are referred to later.

The Great Dyke of Rhodesia is a prominent geological feature of the country and it is responsible to some extent for many of the chrysotile deposits. The most important occurrences, however, are those found in the rocks of the basement schists in which serpentinization has resulted from the influence of intrusive granites.

The ore-bodies generally occur as lenticular masses in the serpentine rocks which form ranges of low hills, a not uncommon typographical feature of the bush-covered terrain.

In most of the deposits, whether occurring in the rocks of the Great Dyke or in those resulting from the Gneiss-granite intrusions just described, the disposition of the asbestos seams in the serpentine assume a stockwerke pattern, with a tendency, sometimes, for a number of the criss-cross seams to follow a general "strike" or dip trend, but rarely to form continuous regular reef-like bodies. Most commonly the asbestos occurs as cross-fibre seams, but there are also many instances where it is found as slip-fibre, lying flat hap-hazardly in the cracks of the

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Asbestos Wallboard

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serpentine. The best known spots of slip-fibre occurrences are first south of Shabani, the "slip-fibre" area, secondly near Belingwe and west of Gwanda.

Slip fibre is generally considered to be longer than that occurring in cross-fibre seams but not always of comparative quality. Some of the longest fibre ever found was six inches in length and this came from cross-fibre seams. The average longest commercial grade produced is from two inches to three inches in length. With the increasing production of short fibre grades (even from old dumps) the former high percentage of long spinning grades is being gradually reduced.

Considering the size and importance of the asbestos industry today, it is hard to imagine that this development has taken place in little more than 40 years. Forty years ago the original small prospects were first opened up by enterprising pioneers. Actual production did not start until some years later, indeed it was not until 1919 that the output reached 1,000 tons. In just under 35 years, therefore, the total annual production has risen from 1,000 tons to 83,000 tons. The increase has been fairly steady thruout the period, altho a definite impetus was given by the phenomenal demand following the last war.

Credit for the success of the industry must go to the prospectors who opened up these fields in the face of many physical difficulties in a country which at that time was completely undeveloped. Besides the local handicaps, the asbestos pioneers were faced with keen competition from the old established industries in Italy, Canada and Russia where chrysotile asbestos had already been in production from 40 to 50 years earlier.

The first recorded investigation of asbestos near Mashaba, in the Fort Victoria District, was in 1907. Eventually this led to the development of Gaths Mine and others in the Mashaba area where production really started in 1913. At the same time the Shabani developments came into the picture, and ever since, this area has retained its position as the biggest producing centre in the country.

To be concluded in the September number.

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A BRIEF HISTORY OF JOHNS-MANVILLE CORPORATION

The history of Johns-Manville has been one of ceaseless invention and improvement of products designed chiefly for controlling heat, cold, sound and motion, and for protecting all types of buildings from fire, weather and wear. Through the years Johns-Manville has been a leader in the creation of better homes and greater industrial efficiency through the application of science.

The company, as it is known today, was founded in a New York basement in 1858 by H. W. Johns. In those days there were two men on the payroll and the only equipment for developing new products consisted of a clothes wringer and a tea kettle. A pioneer in roofing and insulating products, Johns was a founder of the modern asbestos industry.

This work with asbestos was suggested to Mr. Johns by a bit he read about the mineral in the 1859 edition of the American Encyclopedia. The article said:

"ASBESTOS, a mineral of the horneblende family which occurs in veins in the serpentine and primary formations. Cloth made of this mineral is not affected by any degree of heat and may be thrown into the fire with no other effect than cleaning it. Such cloth was used by the ancients in which to wrap bodies of the illustrious dead on the funeral pyre for preserving their ashes. The mineral is abundant in this country and on Staten Island in New York harbor it is found in bundles of fibre resembling dry wood. Asbestos has also been used for the lining of fireproof safes and as a filter for chemical purposes. **It is, however, in very little demand although it is by no means a rare mineral.**"

Mr. Johns accepted that last sentence as a challenge. His active mind constantly was conceiving new ideas for the use of asbestos. All these ideas he would jot down in a little black-backed notebook. Time would not permit him to develop all of them. Later, when a new patent was announced, he sometimes would take out this little notebook and say to his wife: "I jotted down the germ of that

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idea long ago but never worked it out."

The Manville family entered the picture in 1886.

While Johns was building his business in New York, the Manvilles made their way westward. With them was young C. B. Manville who later was to become one of the founders of Johns-Manville. C. B. and his family made their trip westward in a wagon train. In those days traveling was neither fast, comfortable nor safe. To reach their destination in Wisconsin they had to travel through hostile Indian Territory. Despite the hazards, the trip was uneventful.

C. B. Manville was a pioneer and a businessman. After establishing a fine merchandising business in Wisconsin, he abandoned it to participate with his oldest son, Thomas Franklyn in the gold rush of 1876 in the Black Hills of South Dakota.

Together they loaded a stage coach with mining machinery and set out. It was an unfortunate move. A neighbor secured the water rights to the claim Mr. Manville had staked out near Deadwood and the claim was worthless.

Next the two of them installed themselves as proprietors of a small candy and fruit store. It was just prospering when a powder magazine in Deadwood blew up. The resulting fire destroyed most of the town, including the fruit store and the personal possessions of the Manvilles. They were destitute.

Turning to trading in gold stocks, Mr. Manville managed to make enough money to move back eastward to Milwaukee.

There in 1886 with his three sons— T. F., C. R., and H. E.—he founded the Manville Covering Company in Milwaukee. This company produced various types of pipe coverings and other insulations, but their line did not include asbestos materials.

One of their first products was a mixture of blue clay and a paper pulp mash. It was highly effective as an insulator for steam pipes, although the ordor the vegetable matter in it gave off when heated was highly undesirable.

Later a wool shoddy was added as a binder to hold

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the blue clay together. This product became widely known as Manville's Sheep's Wool Cement.

Meanwhile, Johns had been developing new uses for asbestos for a number of years. While Johns was opening up a market for his products, Manville was expanding in the Midwest. With rapidly changing industrial production methods came a demand for higher-temperature insulations. This led to an arrangement by which the Manville Covering Company took over the Chicago branch of the H. H. Johns Manufacturing Company, where the rapidly developing asbestos products for high-temperature insulations were manufactured.

In 1901, three years after the death of Johns, the Manville Covering Company of Milwaukee was merged with the H. W. Johns Manufacturing Company of New York, under the firm name of H. W. Johns-Manville Company. At that time the sales volume was about $3 million a year.

During the next quarter of a century expansion was rapid. The asbestos mine in Quebec from which the company had been purchasing asbestos fibre for a number of years was acquired. The company grew and prospered and earned a nation-wide reputation for its products. By 1927 its sales volume had grown to more than $40 million.

In 1925 T. F. Manville, President, died and plans to reorganize the company were launched.

Until 1927 the company was a closely held "family" organization. In that year it was reorganized and became a company of widespread ownership with many new stockholders from all parts of the country. It became known as Johns-Manville Corporation.

In passing it might be noted that about the time that Johns-Manville passed to public control in 1927, T. F. Manville, Jr.—"Tommy"—disposed of the large holdings he had inherited and ended all connections with the company.

In 1927 a new Board of Directors brought to the company new top management which, together with men who had spent many previous years with the company, directed operations from then on.

ASBESTOS CORPORATION LIMITED

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QUEBEC CANADA

REPRESENTATIVES

GREAT BRITAIN:	W. A. JANITCH. 37/38 Coal Exchange Building Lower Thames St., London, E. C. 3
GERMANY	BECKER & HAAG Ferdinandstrabe 58 (Hapag Haus) Hamburg 1, Germany
	U. S. A.:
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CLEVELAND, OHIO:	WORLD'S PRODUCTS TRADING CO., 842 Standard Bldg.
CHICAGO, ILL.:	THE STARKIE COMPANY 5461 W. Division St.
NEW YORK, N. Y.:	WHITTAKER, CLARK & DANIELS, INC. 260 West Broadway
SAN FRANCISCO, CAL.:	L. H. BUTCHER CO 15th and Vermont Sts.
	CANADA:
MONTREAL, QUE.:	ATLAS ASBESTOS CO., LTD. 5600 Hochelaga St.
TORONTO 1, ONT.	CANADIAN ASBESTOS ONTARIO LTD. 27 Front St., East

At that time Lewis H. Brown came to Johns-Manville as assistant to the president. From 1929 to 1951 he was J-M's chief executive officer, as president from 1929 to 1946 and as chairman of the Board from then until 1951.

The present chairman, Mr. L. M. Cassidy, succeeded Mr. Brown after the latter's death in February 1951. Mr. Cassidy is a leader of American industry whose knowledge of basic merchandising practices and policy through his firing line experience in sales, coupled with his wide understanding of finance problems, played an important part in his rise to broader phases of industrial management.

The president, Mr. A. R. Fisher, joined J-M in 1923. He has devoted his career familiarizing himself with every phase of Johns-Manville production. He was plant manager at Lompoc, Cal., in 1928 and also served as plant manager at Manville, N. J. In 1946 Mr. Fisher was named senior vice president for production. In January 1951, he was named a director of Johns-Manville Corporation and president in March of the same year.

Mr. Fisher is also considered an outstanding authority on the mining and exploration of asbestos fibre.

From the H. W. Johns-Manville Company and its successor Johns-Manville Inc., the present Johns-Manville Corporation acquired a line of insulating cements, asbestos and asphalt roofing, asbestos paper, high-and-low temperature insulations and other specialties. Some of these products have been eliminated from the present line by technological advances in industry, but many others, improved through research and experiment, still serve as the basis of many Johns-Manville services to the home and industry.

A new era of product line expansion followed the reorganization in 1927. Before that time the company's principal basic raw materials were asbestos fibre, asphalt and cement. Since then Johns-Manville has added wood fibres and rock fibres as well as diatomaceous silica, rubber, plastics, and other raw materials for the widely diversified line of J-M products. Rock wool insulations, insulating board products, Celite products and Transite

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(asbestos-cement) pipe are some of a number of important additions to the line since 1927.

Because of the company's widespread public ownership and the responsibilities of protecting the investments of thousands of stockholders, Johns-Manville became not one, but several businesses. Products were developed and classified into a series of groups so that in case of adverse factors in one particular field, the range of products in the other lines would hold business for the company to a better level than might otherwise have been expected. Today, Johns-Manville manufactures more than 400 different lines of products at its 22 plant locations in the United States and Canada.

Serving essential needs of home owners and nearly every industry, these products are marketed through a world-wide sales organization and through many thousands of dealers and distributors.

In the 95 years of progress Johns-Manville has grown from a company with two men on the payroll to 21,000 men and women. From a basement beginning the company's extensive properties and other assets now represent an investment of more than $135 million with sales last year amounting to more than $244 million.

From a closely held "family" organization in 1927 the company's ownership has been broadened and J-M is now owned by 14,000 stockholders from all parts of the United States and Canada.

Industrial research has been a basic part of the company's activities for many years. Through research Johns-Manville seeks to develop new products and to improve

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existing products so that it may better serve industry and the home and maintain leadership in its field.

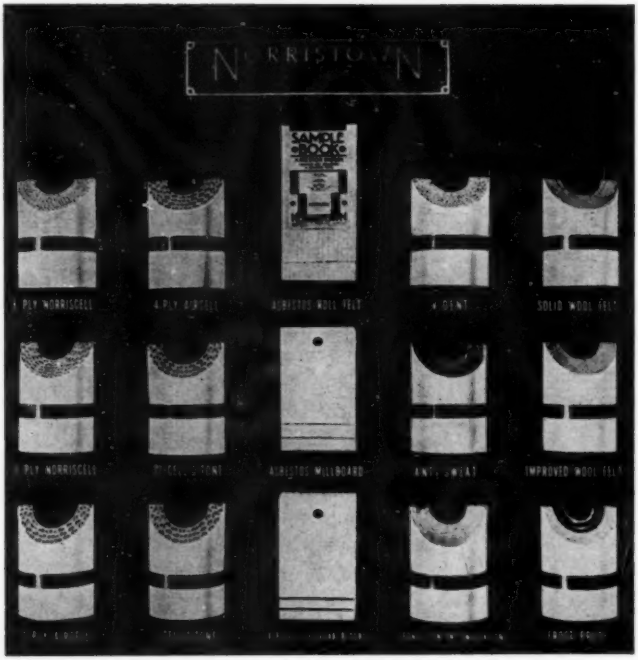
Considerably more than half of sales are in products that have been introduced into the company lines since 1928. And, with few exceptions, the products accounting for the remainder of sales have been improved in one way or another through research, so that fully 85 to 90 percent of the products sold today are either new or represent improved volume or profit possibilities because of changes which have been made by research.

In 1928 all research activities were centralized at the plant in Manville, New Jersey. As a result of the company's expanding research program, the need for larger facilities became apparent and in 1945 construction of a new Research Center was begun. This center provides the largest facilities in the world devoted to research in building materials, insulations and allied industrial products.

In 1945, at the end of World War II, Johns-Manville embarked on an expansion and improvement program on which more than $100,000,000 has been spent to date. To give impetus to the program, the company in 1946 reorganized its production and sales activities into six streamlined major operating divisions that function virtually as independent businesses.

The company owns and operates three mines, two in Canada producing asbestos fibre—the mine at Asbestos, Quebec, is the largest in the world—and the third producing diatomaceous silica from which Johns-Manville's Celite products are manufactured. These Celite products include high temperature insulations, refractories, filter powders and fillers widely used in industry.

Johns-Manville has two plants in New Hampshire; one in Massachusetts; one in Pennsylvania; two in New Jersey; one in Virginia; one in Louisiana; one in Mississippi; one in Texas; two in Illinois; two in Indiana; five in California; and three in Canada. The company also has extensive mining, manufacturing and sales operations overseas and in South America.



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MARKET CONDITIONS

GENERAL BUSINESS.

General business continues very good. Corporate reports now being issued show that, in general, the first half of the year was one of the best periods ever experienced by industry as to sales and profits. On the basis of current demands many who predicted a third quarter let down are now very optimistic regarding both third and fourth quarter business. Truce in Korea is not expected to affect business any more than the current efforts of procurement agencies to concentrate production of military items in the plants of the most efficient producers. This program is bound to lead to some localized maladjustments. The question is whether workers and plants made idle as a result of these readjustments can quickly find profitable employment in production of civilian goods.

ASBESTOS — RAW MATERIAL.

The demand for and production of asbestos fibre generally is running at a level rate approximately the same as a year ago but approximately 10% under capacity.

Shortages still exist in the better grades of spinning fibre and in some of the better quality shorts.

A slight pick up is foreseen for the second half of the year.

ASBESTOS — MANUFACTURED GOODS.

Asbestos Textiles. The market for textiles is only fair at the present time, the slow up in securements probably due to vacations and resurvey of government requirements of defense materials employing asbestos textiles. There has beeen a consistent decrease in the demand for asbestos tapes during the past several months.

Asbestos Paper. The demand is steady for asbestos paper and the present outlook is good for the balance of the year. Sales are running about the same as last year. The *Millboard* market is also holding steady and ordering is expected to continue on a steady basis for the remainder

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of the year. The demand for *Saturated Paper* exceeds production, thus a backlog of orders.

Insulation. High Pressure. At present the market is fair with demand existing for pipe sections than for block. The outlook depends entirely on a continuation of present defense business.

Insulation. Low Pressure. There seems to be a slowing down of orders during the past few weeks for low pressure materials, which may be due mostly to the various stages of new construction and innumerable strikes in the building trade industry. Sales should run heavy during the last half because of the use of these materials on Housing Projects which will be completed during that period.

Asbestos Cement Products. The market remains just about the same as for the past several months and the outlook for the balance of the year is good, if mortgage money is available. The demand is still strong for colors.

The demands for corrugated exceeds production, and there is a backlog of orders.

The pressure pipe and sewer pipe markets continue very active. Flue pipe, warm air duct, building sewer pipe and electrical conduits are still in good demand.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

. . . —

NATIONAL GYPSUM COMPANY
New Appointment

Fred L. Buchanan has been appointed to the position of plant manager of the Pryor, Oklahoma paper mill. He succeeds *Paul J. Dumas* who has assumed management of the company's newly acquired New Orleans asbestos plant.

Formerly plant manager of National Gypsum's paper mill at Kalamazoo, Mr. Buchanan has been in papermaking for 26 years.

THERMOID COMPANY

Thermoid Company of Trenton, N. J. has announced the election of *Carl P. Brockway* as president and director of Asbestos Mfg. Company, Huntington, Ind., a subsidiary. He is a vice-president of the parent company. Mr. Brockway was formerly superintendent of the friction division and will be succeeded in this position by *A. K. Runkle.*

Mundet Cork Corporation

Insulation Division, 7101 Tonnelle Ave., North Bergen, N. J.

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BOSTON
57 Regent St., N. Cambridge 40

CHARLOTTE 3, N. C.
507 S. Cedar St.

CINCINNATI 2
427 West 4th St.

DALLAS 10
601 Second Ave.

DETROIT 21
14401 Prairie Ave.

HOUSTON 1
Commerce and Palmer Sts.

INDIANAPOLIS 4
15 E. Washington St.

JACKSONVILLE 6, FLA.
800 E. Bay St.

KANSAS CITY 7, MO.
1401 St. Louis Ave.

KNOXVILLE
1221 Grand Ave.

LOS ANGELES
(Maywood): 6116 Walker Ave.

NEW ORLEANS 16
315-25 N. Front St.

NEW YORK 17
331 Madison Ave.

PHILADELPHIA 39
856 N. 48th St.

ST. LOUIS 9
3176 Brannon Ave.

SAN FRANCISCO 7
440 Brannan St.

In Canada:
Mundet Cork & Insulation, Ltd., 35 Booth Ave., Toronto

Ray Thomas has been elected to the Board of Directors of the Vimasco Corporation, Charleston and Nitro, West Virginia. He will represent the company as its Executive Vice-President and General Manager, beginning July 1st.

He invented the Thomas Clip for securing acoustical treatment—originated and developed the Thomas System of Dimensional Standards for thermal pipe insulation—founded the Thermal Insulation Society and now serving fifth term as president of the Charleston Chapter—past Chairman of Committee C-16, American Society for Testing Materials, and was connected with many other organizations.

• • • —

Chester C. Kelsey, Manager of the Asbestos-Cement Products Association, was elected president of the American Trade Association Executives, the professional society of 1,500 trade association directors in the United States and Canada. Mr. Kelsey was elected at the society's 34th annual meeting held on July 20th in Atlantic City.

• • • —

An attractive booklet has been written for the Canadian Johns-Manville Co., Ltd., by Frances Hand.

The booklet written in both English and French describes the natural resources of the town, Asbestos, Quebec, Canadian Johns-Manville's mines and the people living in this wonderful little town.

Copies are available by writing the Canadian Johns-Manville Co., Ltd., P. O. Box 1500, Asbestos, Quebec, Canada.

• • • —

Reading improvement training is a new management development tool which effects individual savings of as much as 500 man hours per year. Increases in reading efficiency and versatility frequently result in the halving of required business and professional reading time, and provide increased comprehension as well. Such firms as U. S. Rubber, Textile Division and American Metal Company

have taken advantage of this means to increase efficiency at management level.

Detailed information is available in an illustrated sixteen-page brochure. For copies of "How You Can Read Better . . . Faster," write to The Reading Laboratory, 1222 Land Title Building, Philadelphia 10, Pa.

. . . —

Asbestos Products Company of Lakewood, Ohio, has awarded a contract to the Gillmore-Olson Company for a 14,000 square foot one-story steel and masonry factory and office building on West 150th Street. The company makes a wide line of products ranging from asbestos twine to asbestos curtains and blankets. George P. Grossman is company president.

. . . —

The Engineering, Marine and Welding Exhibition and the Chemical Plant Exhibition, (British machinery and chemical manufacturing industries) will be held in London's giant Olympia Hall from September 3 to 17th.

. . . —

"Working Together for Safety" is the title of the National Safety Council's new employee rules manual. The handy 32-page booklet contains instructions in safe work habits applicable to employees in most plants. For a free sample copy and prices for quantities, write the National Safety Council, 425 North Michigan Ave., Chicago 11, Ill.

FOR SALE

Two asbestos cement sheet making plants, Hatschek system, complete with electric motors, slightly used; for quick sale. Wipol Mercantile Co., Ltd., 70 Leadenhall St., London E.C.3, England.

Open for offers for your surplus Unibestos Pipe Covering. Only covering in new condition considered. Send your list to Box 8 NB - G, "ASBESTOS", 808 Western Saving Fund Bldg., Philadelphia 7, Pa.

Canada

(Department of Mines, Province of Quebec)

Tons 2000 lbs.

Production for May 1953 ..... 80,238 tons
Compared with May 1952 ..... 81,451 tons

Dominion Production for May 1953 is 82,474 tons, a difference of 2,236 tons from the Quebec figure.

Africa (Rhodesia)

(Published by Rhodesia Chamber of Commerce)

Tons 2000 lbs.

Production for March 1953 ..... 7,161.12 tons
Valued at £565,292
Production for March 1952 ..... 6,635.05 tons
Valued at £482,599

Yugoslavia

(U. S. Mineral Trade Notes — June 1953)

Production of asbestos totaled 2,506 metric tons in 1952.

Union of South Africa

(Quarterly Information Report—Dept. of Mines.)

Tons 2000 lbs.

	4th Quarter (Oct., Nov. & Dec., 1952)				
	Production	Local Sales		Exports	
	Tons	Tons	Value	Tons	Value
Amosite	14,070	2,635	£ 64,065	11,639	£ 465,187
Anthophyllite	30	5	100	....	....
Chrysotile	5,688	1,099	69,243	2,944	334,163
Cape Blue	6,432	908	57,526	5,471	459,867
Transvaal Blue	5,679	614	42,909	4,130	333,405
	31,899	5,261	£233,843	24,184	£1,592,622

	Year 1952			Year 1952	
	Production	Local Sales		Exports	
	Tons	Tons	Value	Tons	Value
Amosite	63,280	8,659	£203,847	49,324	£1,995,699
Anthophyllite	854	85	1,100	43	1,087
Chrysotile	24,970	4,366	259,908	20,313	1,978,150
Cape Blue	24,441	2,425	145,598	21,110	1,683,595
Transvaal Blue ...	20,294	1,570	100,693	15,786	1,240,555
	133,839	17,105	£711,046	106,576	£6,899,086

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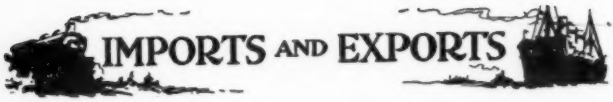

Imports into U. S. A.

(Figures by Bureau of Census)

	April 1953 Tons (2240 lbs.)
Unmanufactured Asbestos—By Countries:	
From Canada	54,686
Union of South Africa	2,093
Southern Rhodesia	584
Australia	355
Bolivia	24
Other Countries	46
	57,788
Valued at	$5,681,504
By Grades:	
Crude No. 1, Chrysotile, S. Rhodesia	36
Crude No 2, Chrysotile, Canada	20
Crude No. 2, Chrysotile, S. Rhodesia	124
Crude, Other, Chrysotile, U. of S. Africa	572
Crude, Other, Chrysotile, S. Rhodesia	425
Crude, Other, Chrysotile, Other Countries	6
Crude, Blue, Bolivia	24
Crude, Blue, Australia	355
Crude, Blue, U. of S. Africa	636
Crude, Amosite, U. of S. Africa	885
Textile Fibres, Chrysotile, Canada	1,624
Textile Fibres, Chrysotile, Other Countries	40
Shingle Fibres, Chrysotile, Canada	7,866
Paper Fibres, Chrysotile, Canada	5,749
Other Fibres, Chrysotile, Canada	39,427
	57,788

Manufactured Asbestos Goods:

	April 1953 Quantity (Lbs.)	Value
Asbestos Yarn, United Kingdom	69,796	$ 44,773
Asbestos Packing—Fabric	1,847	1,608
Asbestos Packing—Not Fabric	2,409	1,685
Asbestos Woven Fabrics—Other		
Canada	74,760	64,571
Other Countries	3,770	4,094
Asbestos Brake Lining (Mld.)	540	927

Asbestos Cement Products (Impreg.)	4,370	600
Asbestos Cement Products (Not Impreg.)	19,713	7,641
Asbestos Shingles (Not Impreg.)	7,259	580
Asbestos Manufactures—Others	....	926
	184,464	$127,405

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Johannesburg.

Barclays Bank (D.C.&O.),
Loveday Street South,
Johannesburg.

Exports from U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	April 1953 Tons (2240 lbs.)	Value
To Europe	151	$ 54,477
S. America	211	50,185
Mexico	14	2,850
Other Countries	15	6,095
	391	$113,607

Manufactured Asbestos Goods:

	April 1953 Quantity		Value
Asbestos Pipe Covg. & Cement	Lbs.	419,479	$ 80,096
Asbestos Textiles & Yarns	Lbs.	46,223	48,471
Asbestos Packing	Lbs.	98,579	91,924
Asbestos Bk. Lng. (Mld.&S.Mld.)	Lbs.	262,998	235,054
Asbestos Brake Lng. (Woven)	Lin. Ft.	26,677	24,591
Asbestos Clutch Facings	No.	128,088	89,901
Asbestos Brake Blocks	Lbs.	44,949	47,982
Asbestos Construction Materials	Lbs.	2,705,313	195,623
Asbestos Manufactures—Others	Lbs.	....	19,613
			$833,255

Imports of Asbestos by United Kingdom

Raw Materials

	May 1953 Tons (2240 lbs.)
From Union of South Africa	1,120
Southern Rhodesia	2,966
Basutoland, Bechuanaland & Swaziland	1,171
Canada	3,965
Other Commownwealth Countries, including the Irish Republic	325
Foreign Countries	3
	9,550

These figures were supplied by the Mining Journal Limited of London.

WILHELM BURGDORF

Importer of **Raw Asbestos**

P. O. Box 1131, BREMEN, GERMANY

Exports from Canada

(Published by Dominion Bureau of Statistics)

	April 1953 Tons (2000 lbs.)	Value
Unmanufactured Asbestos:		
Crude		
United States	32	$ 24,174
United Kingdom	....	....
South America	....	....
Central America & Mexico	....	....
European Countries	2	1,350
Other Countries	....	....
	34	$ 25,524
Milled		
United States	15,485	$2,471,778
United Kingdom	1,474	308,297
South America	770	141,056
Central America & Mexico	420	67,084
European Countries	4,403	849,176
Other Countries	1,318	245,316
	23,874	$4,082,707
Shorts		
United States	40,947	$2,054,999
United Kingdom	2,140	86,352
South America	430	33,768
Central America & Mexico	20	1,560
European Countries	1,981	137,363
Other Countries	580	55,578
	46,098	$2,369,620
Grand Total—Unmanufactured Asbestos	70,006	$6,477,851
Manufactured Asbestos Goods:		
Brake Lining		$ 22,930
Packing		3,938
Other Materials		10,792
		$ 37,660

Bolivia

According to a report received from Banco Minero de Bolivia, Depto de Estudios Economicos 289,826 kilograms of asbestos were exported in 1952, compared to 275,145 kilograms in 1951.

• • • —

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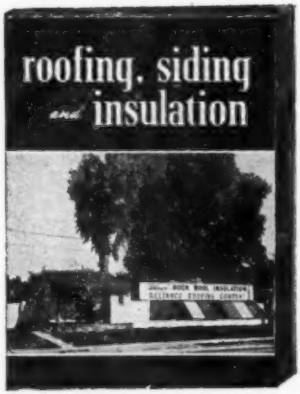

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NEWS OF THE INDUSTRY

BIRTHDAYS

Herbert E. Smith, Retired, Chairman, U. S. Rubber Co., New York City, August 16th.

C. B. Pooler, Vice President, The Philip Carey Mfg. Co., Lockland, Cincinnati, Ohio, August 18th.

R. J. Tobin, Chairman, Tilo Roofing Co., Stratford, Conn., August 18th.

Carl W. Lemmerman, President, Homestead Corporation, Hartford, Conn., August 19th.

Harry Coombs, Works Manager, Beldam Asbestos Co., Ltd., Hounslow, England, August 20th.

C. H. Carlough, President, Carolina Asbestos Co., Davidson, N. C., August 20th.

P. E. Coombs, Director & General Manager, Uxbridge Flint Brick Co., Uxbridge, Middx., England, August 21st.

Melvin A. Jackson, Vice President, Grant Wilson Inc., Chicago, Ill., August 22nd.

H. W. Davis, General Sales Manager, Asbestone Corporation, New Orleans, La., August 25th.

Matthew Balich, President, Matthew Balich Corporation, New York City, August 29th.

George Robinson, Secretary, Johnson's Co., Thetford Mines, Canada, August 30th.

A. W. Swartz, President, Linear Packing & Rubber Co., Philadelphia, Pa., August 31st.

John P. Syme, Vice President, Johns-Manville Corp., New York City, September 1st.

W. D. Pardoe, Vice President, Thermoid Company, Trenton, N. J., September 8th.

Abbott Coburn, President, Globe Roofing Products Co., Inc., Whiting, Ind., September 9th.

Pierre E. Donellon, Vice President, Charge of Construction, Tilo Roofing Co., Stratford, Conn., September 9th.

K. R. MacDonald, Director of Purchases, The Ruberoid Co., New York City, September 10th.

J. Gillmur Tyson, Jr., President, Consolidated Asbestos Corpn., Sellersville, Pa., September 14th.

R. J. Berry, President, Standard Asbestos Mfg. Co., Cleveland, Ohio, September 15th.

To all these gentlemen we extend congratulations and best wishes on the occasion of their birthdays.

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ELMER H. BARTLETT PASSES AWAY

Elmer Holmes Bartlett, 86, of Plainville, Mass. died on July 22. He was the oldest Bird & Son employee, starting as office boy in 1885 and still a member of the Board of Directors at the time of his death.

Mr. Bartlett was born in Plymouth, Mass. and was educated in the public schools there. In 1885 he applied at Bird & Son for what proved to be his first and only job. He grew in stature as the company grew and eventually became head of the Special Papers Division. In later years he was Vice President and Consultant, and even after giving up most of his office duties, he still remained a member of the Board and served in an advisory capacity to the Executive Committee.

CAREY SEMI-ANNUAL REPORT

Report for the six months ended June 30, 1953 was issued on July 24th by the Philip Carey Mfg. Company, and gives the following figures:

Sales 1953	$24,477,207
Compared with same period in 1952	24,723,924
Net Earnings after income taxes, 1953	1,049,534
Compared with same period in 1952	856,790
Earnings per common share	1.26
Compared with same period in 1952	1.02

JOHNS-MANVILLE

New Appointment

Edward D. Flavin has been appointed Manager of the newly formed Public Utilities Section of Johns-Manville Corporation.

Mr. Flavin attended Syracuse University and served as an engineer with several corporations prior to joining Johns-Manville in 1929 as a salesman in the Syracuse District. He was transferred to New York City as Assistant District Manager in 1939. Since 1946, he has been District Manager of the New York district.

AMERICAN BRAKE SHOE CO.

Semi-Annual Report

Shipments of American Brake Shoe Company for the six months ended June 30, 1953 were $74,531,459, an increase of $613,355 over the same period in 1952. Shipments for the second quarter of 1953 increased to $38,402,075 compared with $36,129,384 in the first quarter this year and $35,652,452 in the second quarter of 1952.

Net earnings for the second quarter were $1,497,302 and for the six months were $2,792,847. After preferred dividends, earnings per common share for these periods amounted to $1.19 and $2.19 respectively. For the corresponding periods in 1952 they were $1.00 and $2.07 per common share.

Unfilled orders at June 30 amounted to $40,500,000, a decline of $4,500,000 since the beginning of the year New orders are currently being received at a rate of $12,000,000 per month.

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STAFFORDVILLE, CONN. USA.

**Nylon Has Proved Itself Essential in Asbestos Cement Felts*

A.S.T.M.—ANNUAL MEETING

Featured by 34 technical sessions at which were presented 131 technical papers covering various aspects of engineering materials, the 1953 Annual Meeting of the American Society for Testing Materials, held throughout the week of June 28 at Atlantic City, N. J., also included 565 meetings of the technical committees. The registered attendance—2472—compares favorably with the 1952 Golden Anniversary Meeting, including the 10th Apparatus Exhibit figure of 2606.

Including the 1953 Annual Meeting actions there are now about 1965 ASTM Standards. This compares with the figure twenty years ago of 690 and ten years ago, 1943, of about 1200. These figures indicate a definitely increased tempo in standardization activities during the last decade.

Leslie C. Beard, Jr., Assistant Director of Socony-Vacuum Laboratories, Socony-Vacuum Oil Co., Inc., New York City, was elected President for 1953-1954, succeeding H. L. Maxwell, Technical Adviser, Engineering Department, E. I. DuPont de Nemours and Co., Inc., Wilmington, Del., who continues on the Board of Directors as Past-President for three years.

The 1954 Annual Meeting of the Society will be held from June 14 to 18, inclusive, 1954, at the Hotels Sherman and Morrison in Chicago. There will be an exhibit of testing apparatus and a photographic exposition.

JOHNS-MANVILLE CORPORATION

New Appointments

John E. Begert has been appointed as Vice President of the Johns-Manville Products Corporation.

As Director of Product Commercialization, Mr. Begert is responsible for the coordination of the company's research findings so that new or improved products may be quickly adapted for marketing purposes. He will now report directly to the President.

William S. Hough has been appointed as Chicago District Manager of the Johns-Manville Industrial Products Division.

Mr. Hough began his career with J.M. in 1926 as a Research Chemist at Manville, N. J. In 1927 he was transferred to the New York District Sales headquarters where he subsequently became Commodity Staff Manager. Later he was made Manager of Industrial Product Sales to Chemical and Aviation industries at New York headquarters, and in 1948 he was appointed Assistant District Manager of the Chicago Industrial Products Division.

Milton B. Roth, formerly a Sales Engineer for the Division at Chicago will assume Mr. Hough's former duties in Chicago as Assistant District Manager, Industrial Products Division.

Mr. Roth joined J-M in 1927 as a salesman-in-training at the Chicago District office. He assumed field sales responsibilities in 1935.

THE RUBEROID CO.

Semi-Annual Report

Sales for the first six months of this year reached an all-time high, and net earnings compared with first half of last year increased 19.9%.

For the six months ended June 30, 1953, net earnings were $2,170,760, equal to $3.32 per share (on 653,198 shares outstanding) in comparison with $1,810,973, equal to $3.10 per share (on 583,748 shares outstanding) in the first half of 1952. Sales for the half year ended June 30, 1953 were $36,065,368, compared with $30,100,568 for the same period last year, an increase of 19.9%.

For the quarter ended June 30, 1953, net earnings were $1,249,001, equal to $1.91 per share (on 653,198 shares outstanding), compared with $1,061,003, equal to $1.82 per share (on 583,748 shares outstanding) in the June quarter last year. Sales in the 1953 June quarter were $21,053,557 compared with $17,275,202 in the corresponding period of 1952.

CHANGE OF ADDRESS

SUPRADUR CORPORATION OF NEW YORK, manufacturers of SUPRADUR Asbestos-cement Siding Shingles, FIBER-SHAKES, Ramblers and Roofing Shingles, has announced a change of address, as of July 23, 1953 to new and larger quarters in the Chanin Building, 122 East 42nd Street, New York 17, N. Y.

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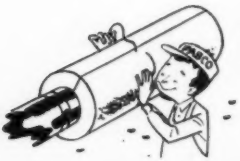

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INSULATION DIVISION

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Manufacturers of Heat Insulation since 1920

THE FLINTKOTE COMPANY

New Appointments

Paul R. Steckel was recently appointed a Flintkote sales representative to cover eastern Kentucky and will make his headquarters in Lexington, Kentucky.

Prior to joining Flintkote, Mr. Steckel represented the Lowe Roofing Company for over 12 years. This period of consumer selling experience will be a valuable background for Mr. Steckel's roofing and siding customers.

R. J. Hopkins has recently been appointed as a sales representative for The Flintkote Company.

Well known throughout Nebraska in both retail and wholesale building materials circles, Mr. Hopkins will make his headquarters in Omaha. Prior to joining the Flintkote sales staff, he was associated with the Chicago Lumber Company of Omaha and had prior connections with Consolidated Supply Company, also of Omaha, and with the Wood Conversion Company.

THE FLINTKOTE COMPANY

H. L. Evans has been elected Vice President in Charge of Manufacturing by Flintkote's Board of Directors.

With Flintkote for over twenty-five years, Mr. Evans was manager of the company's Chicago Heights plant until November 1951, when he was placed in charge of all Flintkote manufacturing operations.

Mr. Evans will direct Flintkote's manufacturing from the company's main office in East Rutherford, N. J.

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

Annual Meeting—Election of Officers

At the annual meeting of the Friction Materials Standards Institute, Inc., held on June 19, 1953, the members elected the following officers for the year starting July 1st.:

President—*Frederick C. Weyburne*, Marshall-Eclipse Division, Bedix Aviation Corporation.

Vice President—*George E. Ritter*, Molded Materials Division, Carlisle Corporation.

Treasurer—*Vincent A. Spina*, Scandinavia Belting Company.

Secretary—*Miss Harriet G. Duschek.*

Other members of the Board of Directors, serving with these officers are:

Franklin W. Shelton—Grizzly Mfg. Company.
Franklin A. Miller—Raybestos-Manhattan, Inc.
Howard N. Wilhelm—RiteSet Mfg. Company
Leo S. Sullivan—Russell Mfg. Company
William J. Nanfeldt—World Bestos Corporation

WAGE RATES FOR PIPE COVERERS

The wage rates being paid Asbestos Workers (pipe coverers) in the principal cities and insulation centers of the United States at the present time are given in the tabulation below. Comparison with the list in August 1952 "ASBESTOS" (page 22) will show the changes during the year.

These rates are taken from the July 1953 issue of The Asbestos Worker (Official Quarterly Journal of The International Association of Heat and Frost Insulators and Asbestos Workers) and are believed to be up to date (as of July 1953) and authentic.

Akron, Ohio	$3.02½
Albany, N.Y.	2.79
Albuquerque, N.M.	2.86
+7½c W.F.	
Allentown, Pa.	2.80
+7½c W.F.	
Amarillo, Texas	2.75
Anchorage, Alaska	3.70
+7½c W.F.	
Appleton, Wis.	2.45
+7c W.F.	
Atlanta, Ga.	2.75
Atlantic City, N.J.	3.25
+7½c W.F.	
Austin, Texas	2.76
+7½c W.F.	
Baltimore, Md.	2.90
+7½c W.F.	
Baton Rouge, La.	2.83
+7½c W.F.	
Beaumont, Texas	2.90
+7½c W.F.	
Billings, Mont.	2.51½*
+7½c W.F.	
Birmingham, Ala	2.75
+7½c W.F.	
Boise, Idaho	2.60
Borger, Texas	2.75
Boston Naval Shipyard	2.02
Boston, Mass.	2.85*
+9c W.F.	
Bremerton, Puget Sound Navy Yard	2.18
Buffalo, N.Y.	2.90
+7½c W.F.	
Cedar Rapids, Ia.	2.74
Navy Yard	1.90
Charleston, S. C. Except Navy Yard	2.75
Charleston, W. Va.	2.77½
+7½c W.F.	
Charlotte, N.C.	2.62½*
Chicago, Ill.	3.10
+7½c W.F.	
Cincinnati, O.	2.70½*
Cleveland, Ohio	3.02½
Columbia, S.C.	2.75
Columbus, Ohio	2.96½
+7½c W.F.	
Connecticut	2.85
+7½c W.F.	
Corpus Christi, Tex.	2.76
+7½c W.F.	
Dayton, Ohio	2.83½
Dallas, Texas	2.75
+7½c W.F.	
Denver, Colo.	2.75*
+6c W.F.	
Des Moines, Ia.	2.62½
Detroit, Mich.	3.15
+10c W.F.	
Duluth, Minn.	2.45*
El Paso, Texas	2.75
Essex Co., N.J.	3.25
+3% W.F.	
Evansville, Ind.	2.90
Fort Wayne, Ind.	2.90
Fort Worth, Texas	2.75
+7½c W.F.	
Freeport, Tex. (Dow Chem. Maintenance only)	2.46
Galveston, Texas	2.90
+7½c W.F.	

Grand Rapids, Mich. 2.90
+7c W.F.
Green Bay, Wisc. 2.45
+7c W.F.
Greensboro, N.C. 2.75
Greensville, S.C. 2.75
Houston, Texas 2.90
+7½c W.F.
Huntington, W. Va. 2.77½
+7½c W.F.
Indianapolis, Ind. 2.90
Jackson, Mich. 2.90
+7c W.F.
Jackson, Miss. 2.83
+7½c W.F.
Jacksonville, Fla. 2.75
Kalamazoo, Mich. 2.90
+7c W.F.
Kansas City, Mo. 2.76
+7½c W.F.
Knoxville, Tenn. 2.71*
+7½c W.F.
Laramie, Wyo. 2.75*
+6c W.F.
Lansing, Mich. 2.90
+7c W.F.
Lawrenceburg, Ind.
(Distillery Plant
Workers only) 2.42½
Little Rock, Ark. 2.76
Long Beach, Cal.
(Navy Yard) 2.22
Los Alamos, N.M. (Municipal Operations,
Maintenance only) 2.62
Los Angeles, Cal. 3.00
+7½c W.F.
Louisville, Ky. 2.75*
Madison, Wisc. 2.92
+7c W.F.
Manitowoc, Wisc. 2.45
+7c W.F.
Mare Island Naval Shipyard, Vallejo, Cal. 2.22
Memphis, Tenn. 2.76
+7½c W.F.
Miami, Fla. 2.65
Milwaukee, Wisc. 2.92
+7c W.F.
Minneapolis, Minn. 2.80
+7½c W.F.
Mobile, Ala. 2.85
+7½c W.F.
Nashville, Tenn. 2.75
Newark, N.J. 3.25
+3% W.F.
New Orleans, La. 2.83
+7½c W.F.
Newport News, Va.
(except Navy Yard) .. 2.75
New York City, N.Y. 3.15*
+6% W.F.
New York Naval
Shipyard 2.16
Norfolk, Va.
(except Navy Yard) 2.75
Norfolk, Va. Navy Yard 2.07
Oak Ridge, Tenn.
(Clinton Engr. Works,
Maintenance only) 2.17
Oklahoma City, Okla. 2.75
Oleum, Cal. (Union Oil Co,,
Maintenance only) 2.90
+7½c W.F.
Omaha, Nebr. 2.75
+7½c W.F.
Pascagoula, Miss. 2.85
+7½c W.F.
Philadelphia, Pa. 3.25
+7½c W.F.
Phila., Pa., Navy Yard .. 2.14
Phoenix, Ariz. 2.90
Pittsburgh, Pa. 3.15
+7½c W.F.
Port Arthur, Texas 2.90
+7½c W.F.
Portsmouth, Va.
(except Navy Yard) .. 2.75
+7½c W.F.
Portland, Oregon 2.75
+10c W.F.
Providence, R.I. 2.85
+9c W.F.
Richmond, Va. 2.75
+7½c W.F.
Rochester, N.Y. 2.87
+7½c W.F.

Sacramento, Cal.	2.90
+7½c W.F.	
Saginaw, Mich.	2.90
+7c W.F.	
Salt Lake City, Utah	2.64
San Antonio, Texas	2.76
+7½c W.F.	
San Francisco, Cal.	2.90
+7½c W.F.	
San Francisco, Cal. (Naval Shipyard)	2.22
Savannah, Ga.	2.75
Scranton, Pa.	2.83
+7½c W.F.	
Seattle, Wash.	2.80
+7½c W.F.	
Shreveport, La.	2.75
+7½c W.F.	
Sioux City, Ia.	2.60
South Bend, Ind.	2.80½
Spokane, Wash.	2.75
+7½c W.F.	
Springfield, Mass.	2.71
Springfield, Mo.	2.62½
St. Paul, Minn.	2.80
+7½c W.F.	
St. Louis, Mo.	2.98
+7½c W.F.	
Syracuse, N.Y.	2.87½
+7½c W.F.	
Tacoma, Wash.	2.80
+7½c W.F.	
Tampa, Fla.	2.75
Texas City, Tex. (Carbide Carbon Chem. Corp. Maintenance only)	2.45
Texas City, Tex. (Monsanto Chem. Co., Maintenance only)	2.44
Toledo, Ohio	2.99
+7c W.F.	
Trenton, N.J.	3.25
+7½c W.F.	
Tulsa, Okla.	2.75
Wausau, Wis.	2.45
+7c W.F.	
Washington, D. C.	3.02½
+10c W.F.	
White Plains, N.Y.	3.25
+6c W.F.	
Wichita, Kansas	2.62½
Wilkes-Barre, Pa.	2.83
+7½c W.F.	
Wilmington, Del.	3.25
+7½c W.F.	
Wood River, Ill. (Oil Refinery only)	2.37
York, Pa.	2.62½
+7½c W.F.	
Youngstown, Ohio	2.93½
+6½c W.F.	

* Agreement expired, negotiations pending.
W.F. means Welfare Fund.

NATIONAL GYPSUM COMPANY

Opens Sales Office

The National Gypsum Company recently opened a New Orleans district sales office under the managership of *Frank B. Phillips, Jr.*

This office, located at 5300 Tchoupitoulas Street, will cover southern Mississippi as well as the State of Louisiana.

Mr. Phillips, the new district sales manager, has been with National Gypsum since 1946, first as a general line salesman, then as assistant district manager in Houston, Texas.

ROBERT E. CRYOR

Robert E. Cryor has resigned as Vice-President of Union Asbestos & Rubber Company, Chicago, Illinois, effective July 15.

AUTOMOBILE SALES

	June 1953
Passenger Cars	587,549
Motor Trucks	74,063
Motor Coaches	380
	661,992

In June 1952, a total of 407,962 motor vehicles were sold. In the six months of 1953 the total was 3,877,869.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

W. E. SINCLAIR, M.I.M.M.
Consulting Mining Engineer
Specializing in asbestos production in
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Importers since 1909 of
ASBESTOS - ORES - MINERALS

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.)

		July, 1953		
	Par	Low	High	Last
Amer. Br. Shoe (Com)	np	37½	38½	38½
Amer. Br. Shoe (Pfd)	100	96	99	99
Armst. Ck. (Com)	np	51⅛	53⅞	53¼
Armst. Ck. (Pfd)	np	90¼	93⅛	93
Armst. Ck. (Conv. Pfd)	np	105	108	107½
Asb. Corp. (Com)	np	25½	27⅛	26½
Carey (Com)	10	17⅜	18¼	18¼
Cassiar Asb. Corp.	np	$6.25	$6.70	$6.70
Celotex (Com)	np	16¼	17⅞	17
Celotex (Pfd)	20	16¼	16¾	16½
Certainteed (Com)	1	13⅛	13½	13⅜
Dominion Asb. Mines	1	$1.15	$2.55	$1.71
Flintkote (Com)	np	27	27⅝	27⅜
Flintkote (Pfd)	np	96	97	97
Johns-Manville (Com)	np	59½	61¾	61½
Pabco Products (Com)	np	13	13½	13½
Pabco Products (Pfd)	100	83½	83½	83½
Ray-Man (Com)	np	38⅝	39¾	39½
Ruberoid (Com)	np	55	57¼	56
Thermoid (Com)	1	7¼	8¼	8¼
Thermoid (Pfd)	50	40½	42¾	42¾
Union Asb. & Rub. (Com)	5	9¼	11	9⅞
United Asb. (Com)	1	$3.55	$4.25	$3.75
U. S. Gypsum (Com)	20	106½	109½	109½
U. S. Gypsum (Pfd)	100	162½	170½	170½
U. S. Rubber (Com)	5	25⅛	27	26⅞
U. S. Rubber (Pfd)	100	130⅛	133½	133½

THE RUBEROID COMPANY

William J. Van Akin was elected a vice-president by the Board of Directors of The Ruberoid Co., producers of asphalt roofing and asbestos-cement building products.

Mr. Van Akin has been with The Ruberoid Co. since 1948 and was formerly a vice-president of The Flintkote Company. He is a chemical engineering graduate of Rensselaer Polytechnic Institute.

JOHNS-MANVILLE

Donald L. Greaves, general auditor of Johns-Manville Corporation died at his home in the Bronx on July 22nd.

Mr. Greaves joined Johns-Manville in 1909 as a clerk in the accounting department and was named general auditor in 1938. He was a member of the National Association of Cost Accountants and the Institute of Internal Auditors.

CURRENT RANGE OF PRICE

August 10, 1953

Arizona—	Per Ton of 2,000 lbs., f.o.b. Globe, Arizona	
No. 1 Crude	$1,200.00 to	$1,500.00
No. 2 Crude	900.00 to	1,000.00
No. 3 Crude	375.00 to	450.00
Filter Fibre	425.00 to	450.00
Canada—	Per Ton (2000 lbs.) f.o.b. Mine	
Group No. 1 (Crude No. 1)	$1,100.00 to	$1,500.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry	500.00 to	1,000.00
Group No. 3 (Spinning Fibre)	300.00 to	525.00
Group No. 4 (Shingle Fibre)	150.00 to	200.00
Group No. 5 (Paper Fibre)	100.00 to	140.00
Group No. 6 (Waste, Stucco or Plaster)		77.00
Group No. 7 (Refuse or Shorts)	35.00 to	70.00
Vermont—	Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.	
Group No. 3 (Spinning & Filtering)	$ 321.00 to	$ 348.00
Group No. 4 (Shingle Fibre)	156.00 to	173.00
Group No. 5 (Paper Fibre)	110.00 to	132.00
Group No. 6 (Waste, Stucco or Plaster)		78.00
Group No. 7 (Refuse or Shorts)	37.00 to	68.50

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THE TWELVE ESTIMATING TABLES

The Twelve Estimating Tables, with Chart, convenient in figuring flange fittings and other areas, is $1.00 per set.

These tables have been found very useful by estimators in figuring areas, but since we have not for some time published the detailed list, it occurred to us that many would like to know exactly what the tables cover, and order them before the fall work begins. Following is the list.

Sq. Ft. Areas of Pipe Covering.
Mean Sq. Ft. Areas Standard Screwed Fittings.
Mean Area Standard Weight Flanged Fittings.
Standard Weight Flange Areas, Permanent Type.
Standard Weight Flange Areas, Removable Type.
Figuring Hair Felt, 1", 1½", 2".
Anti-Frost Insulation.
Cork Pipe Covering, Outside Area in Sq. Ft.
Ice Water Thick Cork Moulded Fittings Screwed, Outside Area in Sq. Ft.
Brine Thickness Cork Moulded Fittings. Screwed, Outside Area in Sq. Ft.
Special Thickness Cork Moulded Fittings, Screwed, Outside Area in Sq. Ft.
Dusts and Flue Perimeters.
The chart gives an easy way to figure Curved Cylindrical Surfaces.

The tables are printed on paper which will wear well under handling. Orders can be filled immediately upon receipt, write Asbestos.

JOHNS-MANVILLE
Report for Second Quarter

Consolidated earnings of Johns-Manville Corporation and subsidiary companies for the second quarter of 1953 were $6,413,358, compared with $6,408.810 for the corresponding period last year.

Sales for the second quarter of 1953 were $66,192,920, compared with $60,264,149 for the second quarter of 1952.

Earnings per share of common stock were $2.02 for the second quarter, compared with $2.03 for the second quarter last year.

Continued on Page 56

ASBESTOS

FIBRE
YARNS
TAPES
CLOTHS
PACKINGS
ROVINGS
TUBING
WEBBING
CLOTHING
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Mintex Brake & Clutch Liners
& other Friction materials
All types of belting
for industry including
SCANDURA the original P.V.C.
fireproof conveyor belting.

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LONDON OFFICE • 59 SOUTHWARK STREET • S.E.1

AFTERTHOUGHTS

A unique, new method for demonstrating the beauty and appeal of Color-Sealed Careystone asbestos siding, right at the prospect's home, has been announced by The Philip Carey Manufacturing Company, Cincinnati, Ohio. The new siding demonstrator was developed to spearhead the new Carey Siding Salesmaker Promotion, recently prepared to introduce Color-Sealed Careystone siding to retail building material dealers and applicators.

• • • —

The National Safety Council's new "Handbook of Accident Prevention for Business and Industry" is a convenient safety guide for the manager of a small business or the supervisor of a department in a large organization.

For further information and prices, write the National Safety Council, 425 N. Michigan Ave., Chicago 11, Ill.

• • • —

A new NORELCO portable industrial X-ray unit (MG 160) that fits into the trunk of an automibile and is designed specifically for rapid inspection of welds, pipe lines, power plant, ship and aircraft equipment, is available from the X-ray Department, Non-Destructive Testing Division, North American Philips Company, Inc., 750 South Fulton Avenue, Mount Vernon, N. Y.

• • • —

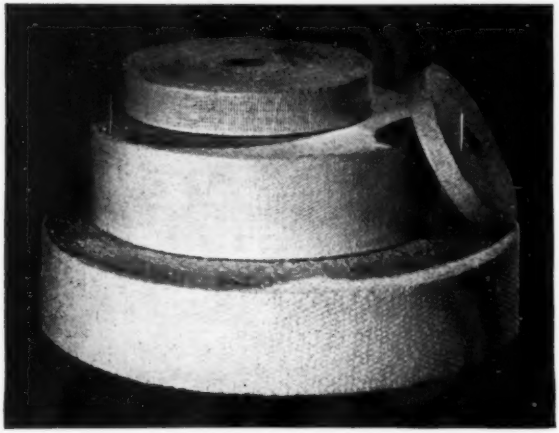
Texas Foundries, Inc. of Lufkin, Texas announce the manufacture and distribution of the Monarch Asbestos Siding and Shingle Cutter, formerly handled by Tri-States Building Materials Co. They also manufacture and distribute the Scout Cutter, a small utility cutter for asbestos siding and shingles. Both are sold through leading Building Supply distributors.

Continued from Page 54

Income taxes for the second quarter were $5,230,000. Last year income taxes less $190,000 for carry back of credit for excess profits taxes were $4,450,000 for the second quarter.

For the year to date sales were $123,448,405 and earnings were $11,356,849 or $3.58 per common share, compared with sales of $116,339,938 and earnings of $11,917,197, or $3.77 per common share, for the first six months last year.

R/M ELECTRICAL INSULATING TAPES



R/M electrical insulating tapes are woven .010", .015", .020" and .025" thick. Every strand of yarn in these tapes, both warp and filling, has a core of Nylon thread. The Nylon core provides more than adequate tensile for coil winding either by machine or by hand. The greater elasticity found in R/M fine tapes produces a snug fit around the sharp bends in motor coils. R/M superior electrical insulating tapes are typical of R/M product development.

RAYBESTOS-MANHATTAN, INC.

ASBESTOS TEXTILE DIVISION · Manheim, Pa.

FACTORIES: Manheim, Pa.; No. Charleston, S.C.; Bridgeport, Conn.; Passaic, N.J.; Crawfordsville, Ind.

RAYBESTOS-MANHATTAN, INC., Manufacturers of Asbestos Textiles • Teflon Products • Packings • Industrial Rubber Products Abrasive and Diamond Wheels • Brake Linings • Brake Blocks Clutch Facings • Fan Belts • Radiator Hose • Rubber Covered Equipment • Sintered Metal Products • Bowling Balls

SOUTHERN ASBESTOS

CORD

Uniform in diameter, smooth, and with high tensile strength, Southern Asbestos Cord meets the demands of all industries such as electrical, plain and metallic hose, packing, glass, etc. It is made in various constructions according to service needs.

Southern also produces Asbestos Thread designed to individual needs. Write for Cord and Thread Folder No. 1002.

A COMPLETE LINE OF ASBESTOS TEXTILE PRODUCTS

THREAD • CLOTH • ROVING • TUBING • CARDED FIBRE
LISTING TAPE • YARNS • ROPE • WICK • OIL BURNER WICK

Specialists in developing and manufacturing Asbestos Textile Products for over 25 years, Southern Asbestos Company has the technical and production facilities to help you develop asbestos fibres and textiles for your particular service. Just say the word.

SOUTHERN ASBESTOS COMPANY • CHARLOTTE 1, N. C.

C.